Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Currently Amended) A digital camera comprising:

an image-capturing device that captures a subject image having passed through a taking lens and outputs image data;

a memory device in which image data of at least one frame of an image captured by said image-capturing device is temporarily stored;

a recording processing circuit that performs recording processing on image data stored in said memory device; ~~and~~

~~an~~a first image processing circuit that first performs pre-treatment on image data corresponding to N lines X M rows output by said image-capturing device in units of individual lines in line sequence to store image data of one frame in said memory device; and

a second image processing circuit that ~~and then~~ performs format processing appropriate for recording performed at said recording processing circuit on the image data having undergone said pre-treatment before the image data of one frame is stored in said memory device, in units of blocks each ranging over n lines X m rows (N>n, M>m) in block sequence.

2.   (Currently Amended) A digital camera according to claim 1, ~~wherein;~~wherein:

said recording processing circuit is constituted of a compression circuit that compresses the image data.

3.   (Currently Amended) A digital camera according to claim 1, ~~wherein;~~wherein:

said pre-treatment includes gamma correction and white balance correction, and said format processing includes interpolation processing, LPF processing, BPF processing and color difference signal calculation processing.

4. (Currently Amended) A storage medium for image processing having a program stored therein that ~~executes;~~executes:

storing processing in which image data of at least one frame of image captured by an image-capturing device is temporarily stored in a memory device;

format processing in which image data of ~~an~~the image captured at ~~an~~the image-capturing device are formatted for recording;

various types of pre-treatment implemented prior to said format processing; and

recording processing in which image data having undergone said format processing are recorded, wherein:

during said pre-treatment, line sequence signal processing ~~being~~is performed on image data corresponding to N lines X M rows in units of individual lines to store image data of one frame in said memory device, and

during the format processing, block sequence signal processing ~~being~~is performed on the image data ~~having~~of one frame, which have undergone said pre-treatment before storing of the image data of one frame in said memory device, in units of blocks each ranging over n lines X m rows (N > n, M > m).

5. (Currently Amended) A storage medium for image processing according to claim 4, ~~wherein;~~wherein:

said recording processing is compression processing in which the image data are compressed.

6. (Currently Amended) A storage medium for image processing according to claim 4, ~~wherein;~~wherein:

said pre-treatment includes gamma correction and white balance correction and said format processing includes interpolation processing, LPF processing, BPF processing and color difference signal calculation processing.

7.   (Currently Amended) A digital camera ~~comprising:~~comprising:

an image-capturing device that captures a subject image having passed through a taking lens and outputs image data;

a recording processing circuit that performs recording processing on image data; and

an image processing circuit that, with the image data output by said image-capturing device input as data corresponding to n lines X m rows, calculates a color difference signal based upon the image data thus input, performs interpolation processing and low pass filtering processing simultaneously on said color difference signal using filter coefficients for interpolation/low pass filtering and then performs matrix processing appropriate for recording performed at said recording processing circuit to generate a formatted signal.

8.   (Currently Amended) A digital camera according to claim 7, ~~wherein:~~wherein:

said recording processing circuit is constituted of a compression circuit that compresses the image data.

9.   (Currently Amended) A storage medium for image processing having a program stored therein that ~~executes:~~executes:

format processing to format image data of an image captured at an image-capturing device for recording, in which color difference signals corresponding to n lines X m rows are calculated using image data that are input, interpolation processing and low pass filtering processing are performed simultaneously on the color difference signals corresponding to n lines X m rows using filter coefficients for interpolation/low pass filtering and then a formatted signal is generated by implementing matrix processing; and

recording processing in which image data having undergone said format processing are recorded.

10. (Currently Amended) A storage medium for image processing according to claim 9, ~~wherein;~~wherein:

said recording processing is compression processing in which said image data are compressed.

11. (Currently Amended) A digital camera ~~comprising;~~comprising:

an image-capturing device that captures a subject image having passed through a taking lens and outputs image data;

a memory device in which image data of at least one frame of image captured by said image-capturing device is temporarily stored;

a first image processing circuit that first performs pre-treatment on image data corresponding to N lines X M rows output by said image-capturing device in units of individual lines in line sequence to store image data of one frame in said memory device; and

~~an~~a second image processing circuit that performs image processing including data format processing appropriate for data compression on the image data of the one frame output by said ~~image-capturing~~memory device; and

a compression circuit that compresses the image data output by said second image processing circuit, ~~wherein;~~wherein:

said second image processing circuit engages in median processing on image data, which have undergone the pre-treatment before storing of the image data of one frame in said memory device, corresponding to an n X m pixel area block during said format processing.

12. (Currently Amended) A digital camera according to claim 11, ~~wherein;~~wherein:

said median processing is performed on (n-i) X (m-j) sets of image data

extracted from the image data corresponding to said n X m pixel area.

13.   (Currently Amended) A digital camera ~~comprising;~~comprising:

an image-capturing device that captures a subject image having passed through

a taking lens and outputs image data; ~~and~~

a memory device in which image data of at least one frame of image captured

by said image-capturing device is temporarily stored;

a first image processing circuit that first performs pre-treatment on image data

corresponding to N lines X M rows output by said image-capturing device in units of

individual lines in line sequence to store image data of one frame in said memory device; and

~~an~~a second image processing circuit that executes image processing in which

median processing is performed on (n-i) X (m-j) sets of image data extracted from image data

corresponding to an n X m pixel area block for the image data of one frame output by said

~~image-capturing~~memory device.

14.   (Currently Amended) A storage medium for image processing having a

program stored therein that ~~executes;~~executes:

storing processing in which image data of at least one frame of image captured

by an image-capturing device is stored in a memory device;

format processing in which image data of ~~an~~the image captured at ~~an~~the image-

capturing device are formatted for compression;

various types of signal processing for pre-treatment on image data implemented

prior to said format processing to store image data in said memory device; and

compression processing in which the image data having undergone said format

processing are compressed, wherein:

in said pre-treatment, line sequence signal processing is performed on image data corresponding to N lines X M rows in units of individual lines; and

in said format processing, median processing ~~being~~is performed on image data, which have undergone the pre-treatment before storing of image data of one frame in said memory device, corresponding to an n X m pixel area block.

15.   (Currently Amended) A storage medium for image processing according to claim 14, ~~wherein;~~wherein:

said median processing is performed on (n - i) X (m-j) sets of image data extracted from the image data corresponding to an n X m pixel area block.

16.   (Currently Amended) A storage medium for image processing having a program stored therein, that executes:

storing processing in which image data of at least one frame of image captured by an image-capturing device is stored in a memory device;

format processing in which image data of the image captured at the image-capturing device are formatted for recording image data; and

various types of signal processing for pre-treatment on image data implemented prior to said format processing; wherein:

in said pre-treatment, line sequence signal processing is performed on image data corresponding to N lines X M rows in units of individual lines to store image data in said memory device; and

in the format processing, median processing on (n-i) X (m-j) sets of image data extracted from image data corresponding to an n X m pixel area block ~~when implementing a specific type of image processing on image data of an image captured at an image-capturing device~~ are performed.

17. - 39. (Cancelled)